

none

none

none

© EPODOC / EPO

PN - JP2001240539 A20010904

PD - 2001-09-04

PR - JP20000056649 20000302

OPD - 2000-03-02

TI - DRUG OR FUNCTIONAL FOODS FOR CONTROL ELEVATION OF BLOOD PRESSURE OR BLOOD SUGAR

IN - HOSHI RYUICHI; YANO AKIMITSU; SASHITA YUTAKA; TAGUCHI SHIGERU; MIMAKI YOSHIHIRO

PA - MACHIDA & MACHIDA SHOKAI KK NAT INST OF FRUIT TREE SCIENCE

IC - A61K31/352 ; A23L1/30 ; A61K35/78 ; A61P3/10 ; A61P9/12 ; C07D311/30

© WPI / DERWENT

TI - Pharmaceuticals or functional foods to prevent increases in blood pressure blood sugar, comprises flavonoids derived from citrus fruits

PR - JP20000056649 20000302

PN - JP2001240539 A20010904 DW200172 A61K31/352 008pp

PA - (MACH-N) MACHIDA KK

- (NORQ ) NORINSUISANSHO KAJU SHIKENBACHO

IC - A23L1/30 ; A61K31/352 ; A61K35/78 ; A61P3/10 ; A61P9/12 ; C07D311/30

AB - JP2001240539 NOVELTY - Pharmaceuticals or functional foods to prevent increases in blood pressure blood sugar, comprising flavonoids derived from citrus fruits, are new.

- DETAILED DESCRIPTION - Pharmaceuticals or functional foods to prevent increases in blood pressure blood sugar are prepared by involving flavonoids (e.g., polyalkoxyflavonoids) of formula (1) derived from citrus fruits such as Citrus depressa, C. tachibana, C. leiocarpa, C. tardiva, C. succosa, C. kinokuni, C. erythrosa, C. sunki, C. deliciosa, C. nobilis, C. reticulata, C. tangerina, C. hanayu, and C. nippokoreana.

- R1 = H or 1-6C lower alkyl;

- R2-R4 = H or 1-6C alkoxy; and

- R5 = 1-6C alkyl.

- ACTIVITY - Hypotensive; antidiabetic.

- No biological data given.

- MECHANISM OF ACTION - None given.

- USE - The pharmaceuticals and functional foods are useful agents to prevent and treat high blood pressures caused by essential, renal, and marginal hypertension and high blood sugar levels caused by insulin-dependent and insulin-nondependent diabetes mellitus.

- ADVANTAGE - Not given.

- (Dwg.0/0)

OPD - 2000-03-02

none

none

none

none

none

AN - 2001-621566 [72]

© PAJ / JPO

PN - JP2001240539 A20010904

PD - 2001-09-04

AP - JP20000056649 20000302

IN - TAGUCHI SHIGERU;HOSHI RYUICHI;MIMAKI YOSHIHIRO;ASHITA  
YUTAKA;YANO AKIMITSU

PA - MACHIDA & MACHIDA SHOKAI:KIN NATIONAL INSTITUTE OF FRUIT TREE  
SCIENCE

TI - DRUG OR FUNCTIONAL FOODS FOR CONTROL ELEVATION OF BLOOD  
PRESSURE OR BLOOD SUGAR

AB - PROBLEM TO BE SOLVED: To provide a drug or functional foods capable of performing the prevention, improvement and therapy against the diseases associated with hypertension and diabetes without caring the side effects or the like.

- SOLUTION: The drug or functional foods are characterized by containing flavonoid for control at least one of the elevation of blood pressure or blood sugar either. Preferably, the flavonoid is particularly selected from a group consisting of compounds extracted easily from citrus fruits;  
5-demethylnobiletin, tangeritin, nobiletin, 8-demethoxynobiletin (sinesetin),  
6-demethoxytangeritin and 6-demethoxynobiletin.

SI - C07D311/30

I - A61K31/352 ;A23L1/30 ;A61K35/78 ;A61P3/10 ;A61P9/12

none

none

none